

WHAT IS CLAIMED IS:

1. A filter cleaning device of a cyclone vacuum cleaner which comprises a cyclone body with a suction port and a discharge port, a dust collecting receptacle connected to the cyclone body for collecting dusts separated from air drawn in through the suction port, and a filter  
5 connected to the discharge port and disposed inside the dust collecting receptacle, the filter cleaning device comprising:
  - a dust-removing ring disposed around an outer surface of the filter and moving along an axial direction;
  - a manipulation unit disposed under the filter to approach to, and retreat from the filter;
  - 10 a connection member interposed between the manipulation unit and the dust-removing ring, for moving the dust-removing ring in association with the approaching and retreating movements of the manipulation unit;
  - an elastic spring interposed between the filter and the manipulation unit, for urging the manipulation unit to retreat from the filter; and
  - 15 an operating bar upwardly protruding from a bottom of the dust collecting receptacle, for pressing the manipulation unit towards the filter.
2. The filter cleaning device of claim 2, wherein the operating bar presses the manipulation unit towards the filter when the dust collecting receptacle is connected to the  
20 cyclone body, and the manipulation unit retreats from the filter by a recovering force of the elastic spring when the dust collecting receptacle is removed from the cyclone body.
3. The filter cleaning device of claim 1, wherein the manipulation unit comprises:
  - an engage recess engaged with an end of the operating bar and a bar guide portion
  - 25 downwardly extended from the engage recess in a radial direction; and